



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/695,493	10/24/2000	Christian Volf Olgaard	68139769-200100	2756
23418	7590	10/19/2004	EXAMINER	
VEDDER PRICE KAUFMAN & KAMMHLZ 222 N. LASALLE STREET CHICAGO, IL 60601			EL CHANTI, HUSSEIN A	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 10/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

O'm

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/695,493	OLGAARD ET AL.
	Examiner	Art Unit
	Hussein A El-chanti	2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 06 October 2004.

2a) This action is **FINAL**.                            2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-36 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-36 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_

***Response to Amendment***

1. This action is responsive to amendment received on June 30, 2004. Claims 1, 2, 13, 14, 25 and 26 were amended. Claims 1-36 are pending examination.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Shiigi, U.S. Patent No. 6,304,898.

As to claims 1, 13 and 25, Shiigi teaches a method, computer program code and a system for facilitating user interface roaming, comprising:

- (a) receiving from the wireless link a list of usable interface clients in proximity to the wireless link, wherein each usable interface client has capabilities associated therewith (see col. 4 lines 43-62 and col. 3 lines 44-58);
- (b) selecting one of the interface clients from the list (see col. 4 lines 43-col. 5 lines 12);
- (c) notifying the wireless link of the selected interface client (see col. 6 lines 30-34 and col. 8 lines 16-30);

(d) initiating a connection with the selected interface client (see col. 6 lines 23-29);

(e) executing an application based on the capabilities of the selected interface client, wherein execution of the application generates content (see col. 6 lines 30-40); and

(f) transmitting the generated content to the interface client (see col. 6 lines 41-64).

As to claims 2, 14 and 26, Shiigi teaches the method of claim 1, further comprising receiving a notification from the wireless link that it has been activated, wherein the wireless link determines usable interface clients in proximity thereto upon activation thereof (see col. 6 lines 30-34 and col. 8 lines 16-30).

As to claims 3, 15 and 27, Shiigi teaches the method of claim 1, wherein the connection with the selected interface client is initiated via the wireless link (see col. 3 lines 33-57).

As to claims 4, 16 and 28, Shiigi teaches the method of claim 1, wherein the generated content is transmitted to the interface client via the wireless link (see col. 3 lines 33-57).

As to claims 5, 17 and 29, Shiigi teaches the method of claim 1, wherein each interface client includes a display (see fig. 1 and fig. 1B).

As to claims 6, 18 and 30, Shiigi teaches the method of claim 1, further comprising receiving information from the user based on the generated content,

generating subsequent content based on the received information, and transmitting the subsequently generated content to the interface client (see col. 6 lines 23-64).

As to claims 7, 19 and 31, Shiigi teaches the method of claim 1, further comprising:

receiving a notification that another interface client is proximate to the wireless link, querying a user whether the user would like to switch to the other interface client, and transmitting generated content to the other interface client upon receipt of a response from the user indicating that the user wants to switch to the other interface client (see col. 4 lines 43-col. 5 lines 12)

As to claims 8, 20 and 32, Shiigi teaches the method of claim 1, wherein the wireless link receives the content if the list of usable interface clients includes zero usable interface clients in proximity to the wireless link (see col. 4 lines 43-col. 5 lines 12).

As to claims 9, 21 and 33, Shiigi teaches the method of claim 1, further comprising: receiving information from the wireless link input by a user (see col. 6 lines 41-64).

As to claims 10, 22 and 34, Shiigi teaches the method of claim 1, wherein the wireless link and the interface client are capable of communicating utilizing TCP/IP or IPX protocols (see col. 4 lines 26-42).

As to claims 11, 23 and 35, Shiigi teaches the method of claim 1, wherein the wireless link has telephony capabilities (see col. 4 lines 5-12).

As to claims 12, 24 and 36, Shiigi teaches the method of claim 1, wherein executing an application based on capabilities of the selected interface client further comprises uploading from a data store information relating to configuring the application based on the capabilities of the selected interface client (see col. 4 lines 43-col. 5 lines 12).

3. Applicant's arguments filed have been fully considered but they are not persuasive.

In the remarks, the applicant argues in substance that; A) Shiigi does not teach receiving from the wireless link a list of usable interface clients in proximity to the wireless link, wherein each usable interface client has capabilities associated therewith; B) Shiigi does not teach selecting one of the interface clients from the list; C) Shiigi does not teach notifying the wireless link of the selected interface client; D) Shiigi does not teach initiating a connection with the selected interface client; E) Shiigi does not teach executing an application based on the capabilities of the selected interface client; F) Shiigi does not teach transmitting the generated content to the interface client.

In response to A) Shiigi teaches a method of communication between wireless devices through a server using a wireless link (see fig. 1B). Clients can send and receive messages from other active clients with active links. The server maintains a list of active and inactive users. The client can receive the list of active and inactive users at that instant of time. The client then selects one of the active users to receive a message. The sent message is received by the server and converted to a format

compatible with the receiving client device. The message is then sent to the receiving client interface to be displayed on the client device (see col. 8 lines 35-col. 9 lines 5). There is no limitation on which device receives the list of client interfaces and therefore Shiigi's teaching of the client device receiving a list of active and inactive users from the server meets the scope of the claimed limitation "receiving from the wireless link a list of usable interface clients in proximity to the wireless link".

In response to B) There is no limitation on which device selects the interface client and therefore Shiigi's teaching of the client selected an active client to receive a message meets the scope of the claimed limitation "selecting one of the interface clients from the list".

In response to C) Shiigi teaches the client selects an active user from a list of active users. The client sends a message to be stored on the server intended to the selected client and the receiving client is notified of the message (see col. 8 lines 35-col. 9 lines 5 and col. 8 lines 15-30)). There is no limitation on how the link is being notified and therefore Shiigi meets the scope of the claimed limitation "notifying the wireless link of the selected interface client".

In response to D) The user sends a message to a receiving client and therefore Shiigi meets the scope of the claimed limitation "initiating a connection with the selected interface client".

In response to E) Shiigi teaches the server receives the handwritten message from the user. The message is converted to a different format so that the receiving client can display the message on the receiving device (see col. 9 lines 5-25). There is no

limitation on which device executes the application and therefore Shiigi meets the scope of the claimed limitation "executing an application based on the capabilities of the selected interface client".

In response to F) Shiigi teaches transmitting the converted message to the receiving client and therefore Shiigi meets the scope of the claimed limitation "transmitting the generated content to the interface client".

**4. THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

**5.** Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hussein A El-chanti whose telephone number is (703)305-4652. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (703)308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

Oct. 6, 2004



SALEH NAJJAR  
PRIMARY EXAMINER